Title (en)

CATV SYSTEM WITH SHARED FIBRE OPTIC LINK

Publication

EP 0320181 A3 19901205 (EN)

Application

EP 88311444 A 19881202

Priority

US 13181287 A 19871211

Abstract (en)

[origin: EP0320181A2] A CATV system uses a single optical fiber (11) for transmitting video signals for a plurality of subscriber terminals (15) from a headend terminal (10) to a distribution terminal (13), and converts the transmitted signals at the distribution terminal (13) into electrical signals for distribution to a plurality of subscriber terminals (15) over a plurality of coaxial cables (14). The distribution terminal (13) further receives electrical service request signals from each of the plurality of subscriber terminals (15), and converts each received service request signal into an optical service request signal for transmission to the headend terminal (10) via an optical fiber (12). The headend terminal (10) further converts each received transmitted optical service request signal into an electrical service request signal for processing by the headend terminal (10) to control the selection of video signals for transmission to the distribution terminal (13).

IPC 1-7

H04N 7/22; H04N 7/173

IPC 8 full level

H04B 10/00 (2013.01); **H04H 20/69** (2008.01); **H04N 7/173** (2011.01); **H04N 7/22** (2006.01)

CPC (source: EP KR)

H04H 20/69 (2013.01 - EP); **H04N 7/10** (2013.01 - KR); **H04N 7/16** (2013.01 - KR); **H04N 7/17345** (2013.01 - EP); **H04N 7/22** (2013.01 - EP)

Citation (search report)

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- [A] DE 3403206 A1 19850801 - STANDARD ELEKTRIK LORENZ AG [DE]
- [Y] IOOC-ECOC'85, Venice 1st - 4th October 1985, pages 479-482; KHOE et al.: "TTOSS, a subscriber network for direct detection and coherent systems"
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Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0320181 A2 19890614; **EP 0320181 A3 19901205**; AU 2668088 A 19890615; DK 687588 A 19890612; DK 687588 D0 19881209; IL 88476 A0 19890630; JP H022796 A 19900108; KR 890011441 A 19890814; NO 885496 D0 19881209; NO 885496 L 19890612

DOCDB simple family (application)

EP 88311444 A 19881202; AU 2668088 A 19881208; DK 687588 A 19881209; IL 8847688 A 19881124; JP 31178088 A 19881209; KR 880016250 A 19881207; NO 885496 A 19881209